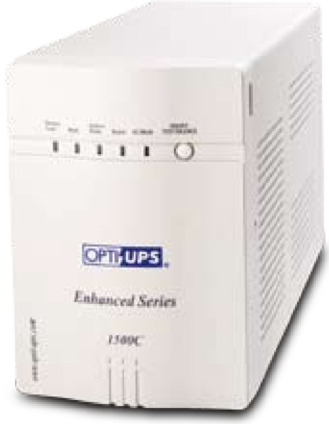
Enhanced Series

For personal computers and work stations

ES550C / ES800C / ES1000C / ES1000C-RM / ES1500C / ES1500C-RM



* ES1500C

ES550C / ES800C / ES1000C / ES1500C

Protection for small electronic equipment

The ESC series offer the highest power capacity and the best equipment protection around. Not only do they protect against blackouts, sags and surges, but with the added feature of AVR (Automatic Voltage Regulator), these UPS products ensure that only clean and safe currents reach your equipment.

What is AVR?
AVR is a feature that corrects under and over voltages without draining the battery, thus providing extended battery life and, most important, allowing the UPS to provide high quality power during unacceptable voltage fluctuations.

Features

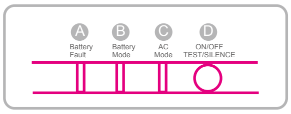
* AVR (automatic voltage regulator)
* Up to 8 battery backup outlets
* RJ11/RJ45 protection
* Easy battery replacement procedure
* 1050 Joules surge energy rating
* 4 hours battery recharge time
* Smart power management software

Backup Time (Typical)

ES550C	1PC+1LCD	21 mins
ES800C	1PC+1LCD	33 mins
ES1000C	1PC+1LCD	40 mins
ES1500C	1PC+1LCD	45 mins

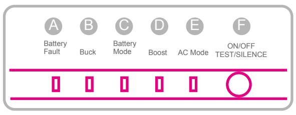
Front Panel

ES550C / ES800C



A) Battery Fault
B) Battery Mode
C) AC Mode
D) On / Off, Test / Silence

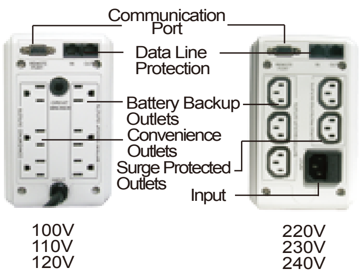
ES1000C / ES1500C



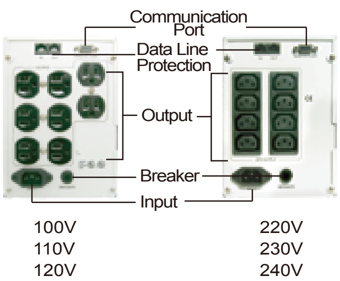
A) Battery Fault
B) Buck
C) Battery Mode
D) Boost
E) AC Mode
F) On / Off, Test / Silence

Rear Panel

ES550C / ES800C



ES1000C / 1500C



Specifications

Model Name	ES550C	ES800C	ES1000C	ES1500C
Topology	Line-interactive			
On-battery Output Waveform	Simulated Sine Wave			
INPUT				
Maximum Capacity	550VA / 330W	800VA / 480W	1000VA / 700W	1400VA / 980W
Nominal Input Voltage	100 / 110 / 120Vac or 220 / 230 / 240Vac**			
Nominal Input Frequency	50Hz / 60Hz Auto Sensing			
Input Voltage Range	Rated Voltage +/- 25%			
Input Short Protection	Circuit Breaker (US), Fuse (IEC)		Circuit Breaker	
OUTPUT				
Nominal Output Voltage	100 / 110 / 120Vac or 220 / 230 / 240Vac**			
Output Voltage Regulation	Rated Voltage +/- 5% (on battery)			
Transfer Time	4 ms (typical)			
Number of Outlets	3 UPS outlets + 3 Surge protected outlets (US) 3 UPS outlets + 2 Surge protected outlets (IEC)		8 Battery backup (US) 8 Battery backup (IEC)	
PROTECTION				
Automatic Voltage Regulation (AVR)	Yes			
Data Line Surge Protection	RJ11 / RJ45			
Surge Energy Rating	1050 Joules			
Normal Mode Noise Suppression	Full time EMI/RFI filtering			
BATTERY				
User Replaceable Battery	12V/7.2AH x 1	12V/34W x 1	12V/7.2AH x 2	12V/34W x 2
Recharge Time to 90%	< 4 Hours			
Audible Alarms	Battery mode / UPS fault / Overload			
COMMUNICATION INTERFACE				
Communication Port*	RS232			
ENVIRONMENTAL				
Operation Temperature	0°~40°C / 32°~104°F			
Storage Temperature	-20°~60°C / -4°~140°F			
Audible Noise	< 40 dBA			
PHYSICAL				
Dimensions (Physical / Packing) (in)	12.7 x 4 x 6.5 / 16.1 x 7.7 x 10.6		14.9 x 5.5 x 7.9 / 19.2 x 10.6 x 12.8	
(L x W x H) (mm)	322 x 102 x 165 / 410 x 195 x 268		378 x 140 x 201 / 487 x 270 x 326	
Weight (Net / Gross) (lbs)	14.1 / 16.1	15.4 / 17.4	31.1 / 33.3	35.7 / 39.2
(kg)	6.4 / 7.3	7 / 7.9	14.1 / 15.7	16.2 / 17.8
CONFORMANCE				
Approvals	BSMI ; CE ; UL / cUL ; C-Tick, A-Tick ; GOST-R			

Specifications are subject to change without notice.
* You can purchase RS232 to USB cable.
** See VS1000C on page 6

Simulated Sine Wave

OPTI-UPS Protect and Serve

Standby UPS Series
Line Interactive UPS Series
On Line UPS Series
AVR Series
Inverter Series
Surge Series
Green Power Series
Networking Series